

Carbazole, 2,3,5-trimethyl-

Other names:	2,3,5-Trimethylcarbazole
Inchi:	InChI=1S/C15H15N/c1-9-5-4-6-13-15(9)12-7-10(2)11(3)8-14(12)16-13/h4-8,16H,1-3H3
InchiKey:	XRASCGVLJXKEHA-UHFFFAOYSA-N
Formula:	C15H15N
SMILES:	<chem>Cc1cc2[nH]c3cccc(C)c3c2cc1C</chem>
Mol. weight [g/mol]:	209.29
CAS:	78787-85-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.73		Crippen Method
logp	3.764		Crippen Method
mcvol	173.810	ml/mol	McGowan Method
rinpol	2178.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C78787856&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices

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<https://www.chemeo.com/cid/22-862-0/Carbazole-2-3-5-trimethyl.pdf>

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